

06-22-05

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In re: application of:	Enric Musoll Adolfo M. Nemirovsky Mario D. Nemirovsky Narendra Sankar
Serial No.:	09/602279 ✓
Filed:	06/23/00
Docket:	MIPS.0168-00-US
For:	METHODS AND APPARATUS FOR BACKGROUND MEMORY MANAGEMENT

**INFORMATION DISCLOSURE STATEMENT  
SUBMITTED UNDER 37 CFR 1.97(D) AND 1.97 (E)(2)**

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Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that the Examiner review the information disclosed herein in detail, independently evaluate each item carefully in the consideration of the pending claims and return an initialed copy of each form to the undersigned.

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This disclosure statement should not be construed as a representation that a search has been made, that no other material information as defined in 37 C.F.R. § 1.56(a) exists, or as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b) or is available as a reference under 35 U.S.C. § 102 *et seq.* Applicant reserves the right to swear behind or otherwise disprove the allege "prior" nature of any art cited should the facts support and the situation warrant such an action.

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It is believed that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98, and the Manual of Patent Examining Procedures § 609. If for some reason the examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

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A copy of each document is enclosed. Some of the documents may have markings thereon. No significance is intended to be attached to the markings.

Respectfully submitted,

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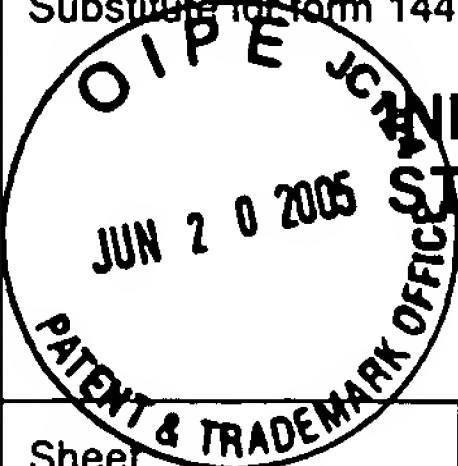
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Substitute for form 1449-PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/602279
				Filing Date	06/23/00
				First Named Inventor	Mario D. Nemirovsky
				Art Unit	2182
				Examiner Name	PEYTON, TAMMARA R
Sheet	1	of	2	Attorney Docket Number	MIPS.0168-00-US

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		4200927	4-29-1980	Huges et al.	
		6151644	11-21-2000	Chun-Chu Archie Wu	
		6453360	09-17-2002	Muller et al.	
		20010005253	06-28-2001	Hiroshi Komatsu	
		20020054603	05-2002	Mussoll et al.	
		20040213251	10-28-2004	Tran et al.	
		20040172504	09-02-2004	Balazich et al.	
		20040015598	01-22-2004	Jin-Fun, Lin	
		09/602,279	NA	Nemirovsky et al.	
		5559970	09-24-1996	Vinod Sharma	
		6614796	09-02-2003	Black et al.	

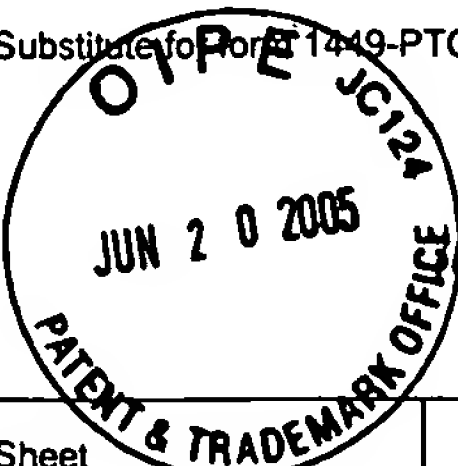
NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	AA	POTEL, M. J. "Real-Time Playback in Animation Systems." Proceedings of the 4 <sup>th</sup> Annual Conference on Computer Graphics and Interactive Techniques. 1977. pp. 72-77. San Jose, CA, US.
	AB	ARM Architecture Reference Manual. 1996. pp. 3-41, 3-42, 3-43, 3-67, and 3-68. Prentice Hall, NJ, US.
	AC	ESA/390 Principles of Operation. IBM Online Publications Center Reference Number SA22-7201-08. Table of Contents and paras. 7.5.31 and 7.5.70. IBM Corporation. Boulder, CO, US.
	AD	MC88110 Second Generation RISC Microprocessor User's Manual. 1991. pp. 10-66, 10-67, and 10-71. Motorola, Inc.
	AE	DIEFENDORFF ET AL. "Organization of the Motorola 88110 Superscalar RISC Microprocessor." IEEE Journal of Microelectronics. April 1992. pp. 40-63. Vol. 12, No. 2. IEEE. New York, NY, US.

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 27 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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				Filing Date	06/23/00
				First Named Inventor	Mario D. Nemirovsky
				Art Unit	2182
				Examiner Name	PEYTON, TAMMARA R
Sheet	2	of	2	Attorney Docket Number	MIPS.0168-00-US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	AF	KANE, GERRY. PA-RISC 2.0 Architecture. 1996, pp. 7-106 and 7-107. Prentice Hall. NJ, US.	
	AG	DIEFENDORFF ET AL. "Altivec Extension to PowerPC Accelerates Media Processing." IEEE Journal of Microelectronics. Vol. 20, No. 2 (2000): pp. 85-95	
	AH	GRUNEWALD ET AL. "Towards Extremely Fast Context Switching in a Block Multithreaded Processor." Proceedings of EUROMICRO 22, 1996. pp. 592-599	
	AI	BRADFORD ET AL. "Efficient Synchronization for Multithreaded Processors." Workshop on Multithreaded Execution, Architecture, and Compilation. Jan-Feb 1998. pp. 1-4	
	AJ	PAI ET AL. "An Evaluation of Memory Consistency Models for Shared-Memory Systems with ILP Processors." Proceedings of ASPLOS-VII, Oct. 1996: pp. 12-23, ACM, Inc.	
	AK	YOAZ ET AL. "Speculation Techniques for Improving Load Related Instruction Scheduling." 1999. Pages 42-53, IEEE.	
	AL	KESSLER, R. E. "The Alpha 21264 Microprocessor: Out-of-Order Execution at 600 MHz." August 1998.	
	AM	DONALSON ET AL. "DISC: Dynamic Instruction Stream Computer, An Evaluation of Performance." 26th Hawaii Conference on Systems Sciences. Vol. 1. 1993. Pages 448-456.	
	AN	NEMIROVSKY ET AL. "DISC: Dynamic Instruction Stream Computer." ACM. 1991. Pages 163-171	
	AO	MUSOLL ET AL. Mechanism to Prevent the Download of a Packet with Pending Writes Affecting Its Data. April 11, 2001. Disclosure Document #492430, USTPO	
	AP	UNGERER ET AL. A Survey of Processors with Explicit Multithreading. ACM Computing Surveys, Vol., 35, No. 1. March 2003. Pages 29-63.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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